

IAP7 Rec'd PCT/PTO 27 FEB 2006
PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Takuma HASHIMOTO et al. Group Art Unit : Not Yet Assigned
Appl. No. : 10/558,360
Filed : November 25, 2005 Examiner : Not Yet Assigned
For : LIGHT-EMITTING DEVICE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop AMENDMENT
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir :

In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and §§1.97-1.98, Applicants hereby bring the following information to the attention of the Examiner in charge of the above-identified application, which includes information cited and discussed in the specification, the International Search Report, and the International Preliminary Examination Report issued in connection with International Patent Application No. PCT/JP2004/007535, of which the present application is the U.S. National Stage Application. Copies of the International Search Report and the International Preliminary Examination Report were enclosed with the papers when entering the U.S. National Stage on November 25, 2005. The Examiner is invited to review these materials to inspect the relevance indicated during international examination with respect to the

documents cited therein. The following is a list of the documents cited in the above-noted documents:

Japanese Laid-open Patent Publication No. 2001-134558, together with an English language abstract of the same. Applicants note that this document is cited on page 2 of the specification of the present application;

Japanese Laid-open Patent Publication No. 2002-162626, together with an English language abstract of the same. Applicants note that this document is cited on page 2 of the specification of the present application;

U.S. Patent No. 6,498,355;

U.S. Patent No. 5,172,301;

Japanese Laid-open Patent Publication No. SHO 58-201383, together with an English language abstract of the same;

Japanese Laid-open Patent Publication No. HEI 4-48740, together with an English language abstract of the same;

European Patent Publication No. EP 1 139 439, together with patent family member U.S. Patent Application Publication No. 2001/0030866;

U.S. Patent No. 6,501,103;

U.S. Patent No. 6,159,764, together with patent family member U.S. Patent No. 6,506,629; and

European Patent Publication No. EP 0 836 227, together with patent family member U.S. Patent No. 5,825,625.

Further, Applicants call to the Examiner's attention the following documents:

U.S. Patent No. 6,930,332;

U.S. Patent No. 6,874,910;

U.S. Patent No. 6,562,643;

U.S. Patent Application Publication No. 2004/0012958; and

U.S. Patent Application Publication No. 2004/0190304.

Further to 37 C.F.R. §1.98 (a)(2)(ii), copies of the U.S. patents and the U.S. patent application publications are not enclosed herewith. However, if copies are needed, the Examiner is respectfully requested to contact the undersigned.

Applicants respectfully request that the Examiner consider the above material and cite the same. Copies of the above-noted foreign documents are attached hereto and all of the above-noted documents are listed on the attached PTO-1449 Form. The Examiner is requested to initial the appropriate spaces on the attached Form and to return a copy of the completed Form to Applicants with the next official communication in the present application.

Applicants note that an Office Action on the merits has not issued in the present application, and thus no fee is believed necessary to ensure consideration of the submitted material.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

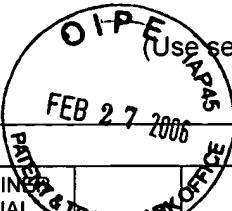
Respectfully Submitted,
Takuma HASHIMOTO et al.

William Pieprz
Reg. No. 33,630

Bruce H. Bernstein
Reg. No. 29,027

William Pieprz
Reg. No. 33,630

February 27, 2006
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-11914

FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office			Atty. Docket No. P28811	Application No. 10/558,360																																																																																																																																																																																																																																																																									
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Use several sheets if necessary)</small>					Applicant Takuma HASHIMOTO et al.																																																																																																																																																																																																																																																																										
					Filing Date November 25, 2005	Group Not Yet Assigned																																																																																																																																																																																																																																																																									
 <p style="text-align: center;">U.S. PATENT DOCUMENTS</p> <table border="1"> <thead> <tr> <th>EXAMINER'S INITIAL</th> <th>DOCUMENT NUMBER</th> <th>DATE</th> <th>NAME</th> <th>CLASS</th> <th>SUBCLASS</th> <th colspan="2">FILING DATE IF APPROPRIATE</th> </tr> </thead> <tbody> <tr><td></td><td>6 4 9 8 3 5 5</td><td>12/24/02</td><td>HARRAH et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td></td><td>5 1 7 2 3 0 1</td><td>12/15/92</td><td>SCHNEIDER</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>2001 /</td><td>0 0 3 0 8 6 6</td><td>10/18/01</td><td>HOCHSTEIN</td><td></td><td></td><td colspan="2"></td></tr> <tr><td></td><td>6 5 0 1 1 0 3</td><td>12/31/02</td><td>JORY et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td></td><td>6 1 5 9 7 6 4</td><td>12/12/00</td><td>KINSMAN et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td></td><td>6 5 0 6 6 2 9</td><td>01/14/03</td><td>KINSMAN et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td></td><td>5 8 2 5 6 2 5</td><td>10/20/98</td><td>ESTERBERG et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td></td><td>6 9 3 0 3 3 2</td><td>08/16/05</td><td>HASHIMOTO et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td></td><td>6 8 7 4 9 1 0</td><td>04/05/05</td><td>SUGIMOTO et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td></td><td>6 5 6 2 6 4 3</td><td>05/13/03</td><td>CHEN</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>2004 /</td><td>0 0 1 2 9 5 8</td><td>01/22/04</td><td>HASHIMOTO et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>2004 /</td><td>0 1 9 0 3 0 4</td><td>09/30/04</td><td>SUGIMOTO et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td colspan="2"></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td colspan="2"></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td colspan="2"></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td colspan="2"></td></tr> <tr> <td colspan="8" style="text-align: center;">FOREIGN PATENT DOCUMENTS</td> </tr> <tr> <td></td> <td>DOCUMENT NUMBER</td> <td>DATE</td> <td>COUNTRY</td> <td>CLASS</td> <td>SUBCLASS</td> <td>TRANSLATION YES</td> <td>NO</td> </tr> <tr><td>2001</td><td>- 1 3 4 5 5 8</td><td>05/18/01</td><td>JAPAN</td><td></td><td></td><td></td><td></td></tr> <tr><td>2002</td><td>- 1 6 2 6 2 6</td><td>06/07/02</td><td>JAPAN</td><td></td><td></td><td></td><td></td></tr> <tr><td>58</td><td>- 2 0 1 3 8 3</td><td>11/24/83</td><td>JAPAN</td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td>- 0 4 8 7 4 0</td><td>02/18/92</td><td>JAPAN</td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>1 1 3 9 4 3 9</td><td>10/04/01</td><td>E.P.O.</td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>0 8 3 6 2 2 7</td><td>04/15/98</td><td>E.P.O.</td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="8" style="text-align: center;">OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</td> </tr> <tr> <td>1</td> <td colspan="7">English Language Abstract of JP 2001-134558.</td> </tr> <tr> <td>2</td> <td colspan="7">English Language Abstract of JP 2002-162626.</td> </tr> <tr> <td>3</td> <td colspan="7">English Language Abstract of JP 58-201383.</td> </tr> <tr> <td>4</td> <td colspan="7">English Language Abstract of JP 4-048740.</td> </tr> <tr> <td></td> <td></td> <td colspan="6"></td> </tr> <tr> <td colspan="2">EXAMINER</td> <td colspan="6">DATE CONSIDERED</td> </tr> <tr> <td colspan="8"> <small>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small> </td> </tr> </tbody></table>								EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			6 4 9 8 3 5 5	12/24/02	HARRAH et al.						5 1 7 2 3 0 1	12/15/92	SCHNEIDER					2001 /	0 0 3 0 8 6 6	10/18/01	HOCHSTEIN						6 5 0 1 1 0 3	12/31/02	JORY et al.						6 1 5 9 7 6 4	12/12/00	KINSMAN et al.						6 5 0 6 6 2 9	01/14/03	KINSMAN et al.						5 8 2 5 6 2 5	10/20/98	ESTERBERG et al.						6 9 3 0 3 3 2	08/16/05	HASHIMOTO et al.						6 8 7 4 9 1 0	04/05/05	SUGIMOTO et al.						6 5 6 2 6 4 3	05/13/03	CHEN					2004 /	0 0 1 2 9 5 8	01/22/04	HASHIMOTO et al.					2004 /	0 1 9 0 3 0 4	09/30/04	SUGIMOTO et al.																																					FOREIGN PATENT DOCUMENTS									DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO	2001	- 1 3 4 5 5 8	05/18/01	JAPAN					2002	- 1 6 2 6 2 6	06/07/02	JAPAN					58	- 2 0 1 3 8 3	11/24/83	JAPAN					4	- 0 4 8 7 4 0	02/18/92	JAPAN						1 1 3 9 4 3 9	10/04/01	E.P.O.						0 8 3 6 2 2 7	04/15/98	E.P.O.					OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								1	English Language Abstract of JP 2001-134558.							2	English Language Abstract of JP 2002-162626.							3	English Language Abstract of JP 58-201383.							4	English Language Abstract of JP 4-048740.															EXAMINER		DATE CONSIDERED						<small>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							
EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE																																																																																																																																																																																																																																																																									
	6 4 9 8 3 5 5	12/24/02	HARRAH et al.																																																																																																																																																																																																																																																																												
	5 1 7 2 3 0 1	12/15/92	SCHNEIDER																																																																																																																																																																																																																																																																												
2001 /	0 0 3 0 8 6 6	10/18/01	HOCHSTEIN																																																																																																																																																																																																																																																																												
	6 5 0 1 1 0 3	12/31/02	JORY et al.																																																																																																																																																																																																																																																																												
	6 1 5 9 7 6 4	12/12/00	KINSMAN et al.																																																																																																																																																																																																																																																																												
	6 5 0 6 6 2 9	01/14/03	KINSMAN et al.																																																																																																																																																																																																																																																																												
	5 8 2 5 6 2 5	10/20/98	ESTERBERG et al.																																																																																																																																																																																																																																																																												
	6 9 3 0 3 3 2	08/16/05	HASHIMOTO et al.																																																																																																																																																																																																																																																																												
	6 8 7 4 9 1 0	04/05/05	SUGIMOTO et al.																																																																																																																																																																																																																																																																												
	6 5 6 2 6 4 3	05/13/03	CHEN																																																																																																																																																																																																																																																																												
2004 /	0 0 1 2 9 5 8	01/22/04	HASHIMOTO et al.																																																																																																																																																																																																																																																																												
2004 /	0 1 9 0 3 0 4	09/30/04	SUGIMOTO et al.																																																																																																																																																																																																																																																																												
FOREIGN PATENT DOCUMENTS																																																																																																																																																																																																																																																																															
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO																																																																																																																																																																																																																																																																								
2001	- 1 3 4 5 5 8	05/18/01	JAPAN																																																																																																																																																																																																																																																																												
2002	- 1 6 2 6 2 6	06/07/02	JAPAN																																																																																																																																																																																																																																																																												
58	- 2 0 1 3 8 3	11/24/83	JAPAN																																																																																																																																																																																																																																																																												
4	- 0 4 8 7 4 0	02/18/92	JAPAN																																																																																																																																																																																																																																																																												
	1 1 3 9 4 3 9	10/04/01	E.P.O.																																																																																																																																																																																																																																																																												
	0 8 3 6 2 2 7	04/15/98	E.P.O.																																																																																																																																																																																																																																																																												
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)																																																																																																																																																																																																																																																																															
1	English Language Abstract of JP 2001-134558.																																																																																																																																																																																																																																																																														
2	English Language Abstract of JP 2002-162626.																																																																																																																																																																																																																																																																														
3	English Language Abstract of JP 58-201383.																																																																																																																																																																																																																																																																														
4	English Language Abstract of JP 4-048740.																																																																																																																																																																																																																																																																														
EXAMINER		DATE CONSIDERED																																																																																																																																																																																																																																																																													
<small>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>																																																																																																																																																																																																																																																																															